

TITLE

**SELF-DISPERSING PIGMENT AND PROCESS
OF MAKING AND USE OF SAME**

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ABSTRACT OF THE DISCLOSURE

A process is provided in which a pigment is oxidated with ozone in an aqueous environment in which the mixture of ozone, water and pigment is subjected to a dispersive mixing operation; and/or the pH of the mixture is maintained in a range of 6-8, whereby the pigment is self-dispersing and
10 preferably has an acid value of less than $3\mu\text{moles}/\text{M}^2$. Pigments from this process and ink jet inks containing the self-dispersing pigments, are also provided.

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